

1XXXXX**Support Pig Farm production planning and routine coordination**

Kaupae Level	4
Whiwhinga Credit	12
Whāinga Purpose	<p>People with this skill standard will be able to support the planning and coordination of unit or production-level activities. Learners who are awarded this standard will apply familiar procedures, interpret known data, and make suggestions for improvement under limited supervision. Learners credited with this standard will be able to assist in preparing or reviewing a production plan using farm data, support the coordination of routines aligned to the plan, and monitor performance to help maintain efficient workflow. Planning may relate to the whole farm or a specific section.</p> <p>This skill standard has been developed to align with the New Zealand Certificate in Pork Production (Management) with an optional strand in Pig Farm Production Planning (Level 4) [Ref: 4222]</p>

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Contribute to the preparation or review of a pig farm production plan.	a. Identify and use relevant records and targets to support the development or update of a plan.
	b. Outline the resource and scheduling needs for the production cycle.
	c. Review or monitor the plan using a recognised format such as a farm template or planning tool.
2. Support the coordination of routines required to implement the plan.	a. Identify key daily or weekly routines aligned to the production plan.
	b. Identify any immediate resource or timing issues affecting plan implementation.
3. Monitor performance data and suggest improvements to routines or schedules.	a. Collect and interpret relevant data for the production cycle.
	b. Identify basic performance anomalies or routine inefficiencies using the data.
	c. Suggest realistic adjustments to routines, timings, or resource use based on performance information.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

Assessment specifications:

All evidence presented in this skill standard must be in accordance veterinary guidelines and farm procedures.

Akōnga/learners' evidence must be collected using naturally occurring evidence, behaviours through real, simulated, or scenario-based examples appropriate to the farm setting.

All activities and evidence must meet the requirements of farm procedures, accepted industry practice, legislation and any subsequent amendments.

All activities relevant to this standard should reflect ngā kaupapa (the principles) o te Tiriti o Waitangi.

All activities should, as relevant to candidates and/or this standard, reflect the peoples of other cultures, and their world views.

Range

Assessment in a farm context or case study where a production plan is required or needs review. Real or simulated production records should be used.

Learners should have access to farm performance data (weight records, farrowing sheets), planning tools (computer or paper template), and resource lists.

Review of a prepared production plan document, observation of routine coordination (e.g. daily briefings), questioning on plan rationale, and examination of performance reports.

Definitions

Key Performance Indicators (KPIs) measurements of pig farm physical performance used to evaluate on farm results.

Feed Conversion Ratio (FCR) is a measure of an animal's efficiency in converting feed mass into increased body mass. It is commonly used in livestock and aquaculture industries to assess production efficiency.

Average Daily Gain (ADG) is a measure of the average weight an animal gains per day over a specific period. It is used to evaluate growth performance in livestock production.

Production target number and/or rate for a specified level of performance, for example, piglets born per week.

Veterinary guidelines advice received directly from veterinarians, or literature recommended by veterinarians.

Farm procedures refer to the policies and procedures set out in a verbal or written form by the employer or organisation.

Accepted industry practice refers to approved codes of practice and standardised procedures accepted by the wider industries as examples of best practice.

Production Plan a structured plan that outlines the key activities, resources, and timelines required to manage breeding, feeding, health, and growth of pigs to meet production goals efficiently and sustainably.

Recommended skills and knowledge

It is recommended that people complete New Zealand Certificate in Pork Production (Stockperson) with an optional strand in Farrowing Care (Level 3) [Ref: 2525]

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

Contribute to Production Planning

- Purpose and key elements of a unit or production plan (e.g. animal flow, target numbers, resource use, task timing).
- Cycle animal flow, housing, feed, and staffing.
- Common production targets (e.g. weekly sow farrowing rate, weaner throughput, feed allocations).
- Use of farm records and historical data: farrowing records, feed usage, staffing logs, section capacity.
- Planning tools and formats: farm templates, SOPs, digital planners, production charts.
- Basic scheduling principles (e.g. aligning staffing to task demand, timing of key events).
- Specific unit farrowing, weaning, or finishing. Support Routine Coordination
- Data ADG, piglets per sow, FCR.
- Daily and weekly routines typical to production phases (e.g. feeding, cleaning, weighing, mating, weaning, health checks).
- Aligning routines with the production plan and adjusting based on priorities.
- Methods of task allocation and communication (e.g. verbal briefing, task boards, digital tools).
- Identifying short-term issues: equipment faults, feed delays, labour shortages.
- Use Data to Improve Routines
- Key performance indicators (KPIs): ADG (Average Daily Gain), FCR (Feed Conversion Ratio), piglets weaned per sow, mortality rates.
- Methods for collecting and interpreting performance data (manual records, digital tools, trend analysis).
- Identifying signs of inefficiency or underperformance (e.g. weight variation, missed targets).
- Suggesting adjustments to routines: task timing, feed levels, staff allocation.
- Supporting continuous improvement through regular review and adaptation of schedules.
- Farrowing rates, conception rates, unproductive days, returns, including but not limited to.

Rauemi | Resources

Legislation relevant to this skill standard includes but is not limited to:

- NZ Pork Guidelines are available on request from NZ Pork. www.nzpork.co.nz.
 - NZPork Guidelines for developing Biosecurity farm plans
 - NZPork Transport Biosecurity Guidelines
- Agricultural Compounds and Veterinary Medicines Act 1997 [Agricultural Compounds and Veterinary Medicines Act 1997 No 87 \(as at 30 November 2022\), Public Act Contents – New Zealand Legislation](#)
- MPI Code of Welfare: Pigs 2018 [Code of Welfare – Pigs](#)
- Biosecurity Act 1993 [Biosecurity Act 1993 No 95 \(as at 05 April 2025\), Public Act Contents – New Zealand Legislation](#)
- Health and Safety at Work Act 2015 [Health and Safety at Work Act 2015 No 70 \(as at 05 April 2025\), Public Act Contents – New Zealand Legislation](#)
- Biosecurity (Meat and Food Waste for Pigs) Regulations 2005
- Animal Status Declaration forms for pigs

and any subsequent amendments or replacements.

Pārongo Whakaū Kouna | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Muka Tangata – People Food and Fibre Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Pork Production > Pig Husbandry
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0052

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	<type here>	[dd mm yyyy]	[dd mm yyyy]
Arotakenga Review	<type here>	[dd mm yyyy]	[dd mm yyyy]
Kōrero whakakapinga Replacement information	This skill standard will replace Unit standard		
Rā arotake Planned review date	31 December 2030		

Please contact Muka Tangata – People Food and Fibre Workforce Development Council at qualifications@mukatangata.nz to suggest changes to the content of this skill standard.

Title:

Support Pig Farm Unit or Production Planning and Routine Coordination

Level:

4

Credits:

12

Purpose:

This skill standard is for learners working in pig farming who support the planning and coordination of unit or production-level activities. At Level 4, learners apply familiar procedures, interpret known data, and make suggestions for improvement under limited supervision.

Learners credited with this standard will be able to assist in preparing or reviewing a unit or production plan using farm data, support the coordination of routines aligned to the plan, and monitor performance to help maintain efficient workflow. Planning may relate to the whole farm or a specific unit (e.g. farrowing, weaning, or finishing).

This standard contributes to the New Zealand Certificate in Pork Production (Management) with an optional strand in Pig Farm Production Planning (Level 4) [Ref: 4222].

Learning Outcomes and Assessment Criteria

Learning Outcome 1:

Contribute to the preparation or review of a pig farm unit or production plan.

- Identify and use relevant records and targets to support the development or update of a plan.
- Outline the resource and scheduling needs for the unit or production cycle (e.g. animal flow, housing, feed, staffing).
- Record the plan using a recognised format such as a farm template or planning tool.

Learning Outcome 2:

Support the coordination of routines required to implement the plan.

- Identify key daily or weekly routines aligned to the unit or production plan.
- Assist with task allocation and communicate routine requirements to team members or supervisors.
- Highlight any immediate resource or timing issues affecting plan implementation.

Learning Outcome 3:

Monitor performance data and suggest improvements to routines or schedules.

- Collect and interpret relevant data (e.g. ADG, piglets per sow, FCR) for the unit or production cycle.
- Identify basic performance gaps or routine inefficiencies using the data.
- Suggest realistic adjustments to routines, timings, or resource use based on performance information.

Assessment Conditions and Requirements

- Assessment may occur in a real farm setting or through simulation using sample or past unit/production plans, records, and data.

- Evidence may include contributions to a plan, annotated records, workplace observations, or responses to scenarios.
- Learners do not need to lead planning or manage others, but must show they can contribute appropriately and apply information to familiar tasks.
- All actions must reflect farm procedures, accepted industry practice, and comply with legislation and biosecurity guidelines.

Indicative Content

- Purpose and components of a unit or production plan (e.g. weekly sow targets, weaner throughput, feed schedules).
- Use of farm data: farrowing records, feed allocations, section capacity, historical trends.
- Planning tools: templates, SOPs, digital or paper planners, schedules, and charts.
- Routine activities: feeding, weighing, cleaning, mating, weaning, health checks.
- Performance indicators: ADG, FCR, piglets weaned per sow, mortality rates.
- Identifying and addressing common issues (e.g. delays, underweight pigs, staffing gaps).
- Communication and documentation: reporting changes, sharing updates, following up on task progress.
- Flexibility to adapt plans to changes in animal flow, staffing, or targets.